

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-9. (Canceled).

10. (New) An optical glass having a refractive index ( $n_d$ ) of 1.57 to 1.67, an Abbe's number ( $v_d$ ) of 55 to 65 and a glass transition temperature ( $T_g$ ) of 550°C or lower and having a haze value of 3 % or less in terms of climate resistance.

11. (New) The optical glass as recited in claim 10, which has a glass transition temperature ( $T_g$ ) of 540°C or lower.

12. (New) The optical glass as recited in claim 10, which comprises  $B_2O_3$ ,  $SiO_2$ ,  $Li_2O$ ,  $CaO$ ,  $ZnO$  and  $La_2O_3$ .

13. (New) The optical glass as recited in claim 10, which comprises, by mol%, 22 to 40 % of  $B_2O_3$ , 12 to 40 % of  $SiO_2$ , 2 to 20 % of  $Li_2O$ , 5 to 15 % of  $CaO$ , 2 to 14 % of  $ZnO$ , 0.5 to 4 % of  $La_2O_3$ , 0 to 3 % of  $Gd_2O_3$ , 0 to 3 % of  $Y_2O_3$ , the total content of  $La_2O_3$ ,  $Gd_2O_3$  and  $Y_2O_3$  being at least 1 %, 0 to 5 % of  $Al_2O_3$ , 0 to 3 % of  $ZrO_2$  and 0 to 5 % of  $BaO$ , the total content of the above components being more than 96 %.

14. (New) The optical glass as recited in claim 11, which comprises, by mol%, 22 to 40 % of  $B_2O_3$ , 12 to 40 % of  $SiO_2$ , 2 to 20 % of  $Li_2O$ , 5 to 15 % of  $CaO$ , 2 to 14 % of  $ZnO$ , 0.5 to 4 % of  $La_2O_3$ , 0 to 3 % of  $Gd_2O_3$ , 0 to 3 % of  $Y_2O_3$ , the total content of  $La_2O_3$ ,  $Gd_2O_3$  and  $Y_2O_3$  being at least 1 %, 0 to 5 % of  $Al_2O_3$ , 0 to 3 % of  $ZrO_2$  and 0 to 5 % of  $BaO$ , the total content of the above components being more than 96 %.

15. (New) An optical glass consisting of, by mol%, 22 to 40 % of  $B_2O_3$ , 12 to 40 % of  $SiO_2$ , 2 to 20 % of  $Li_2O$ , 5 to 15 % of  $CaO$ , 2 to 14 % of  $ZnO$ , 0.5 to 4 % of  $La_2O_3$ , 0 to 3 % of

Gd<sub>2</sub>O<sub>3</sub>, 0 to 3 % of Y<sub>2</sub>O<sub>3</sub>, the total content of La<sub>2</sub>O<sub>3</sub>, Gd<sub>2</sub>O<sub>3</sub> and Y<sub>2</sub>O<sub>3</sub> being at least 1 %, 0 to 5 % of Al<sub>2</sub>O<sub>3</sub>, 0 to 3 % of ZrO<sub>2</sub> and 0 % of BaO, the total content of the above components being more than 96 %, and having a refractive index (nd) of 1.57 to 1.67 and an Abbe's number (vd) of 55 to 65.

16. (New) The optical glass as recited in claim 15, which comprises a refining agent.

17. (New) The optical glass as recited in claim 15, which has a glass transition temperature (T<sub>g</sub>) of 550°C or lower and has a haze value of 3 % or less in terms of climate resistance.

18. (New) The optical glass as recited in claim 15, which has a glass transition temperature (T<sub>g</sub>) of 540°C or lower and has a haze value of 3 % or less in terms of climate resistance.

19. (New) A press-molding preform, which is made of the optical glass recited in claim 10 or 15.

20. (New) An optical element made of the optical glass recited in claim 10 or 15.

21. (New) A process for producing a preform for press-molding, which comprises separating a predetermined amount of a molten glass gob from a molten glass flow of the optical glass recited in claim 10 or 15, and forming the gob into a glass preform.

22. (New) A process for producing an optical element, which comprises heating, softening and press-molding the preform recited in claim 19.

23. (New) A process for producing an optical element, which comprises heating, softening and press-molding a preform obtained by the process recited in claim 21.